



SIGNAL



de N1NC

November 2001 Volume 10 Number 11

This Month's Meeting

This months meeting program will be RACES/ARES/MEMA by Terry Stader who is the MEMA Radio Officer for Area 3C.

Remember The December meeting Program is Homebrew. There is still time to finish up those projects, but who ever said that they needed to be finished? Bring them anyway. If your project is too large to bring then pictures will do just fine.

We gather at Tiny's for breakfast Saturday mornings at 8:00 AM. We sit in the back dining area.

Bring your short Shows-and-Tell to the meetings. They are always welcome. Its always interesting to see the variety of things people are working on.

Last Month's Meeting

Last months meeting program was a QSL card sort for the W1 QSL bureau. We sorted three cases (60 pounds) of cards and then had a pizza party.

It was interesting to see the variety of QSL cards people were receiving. Following the sort we had pizza and soft drinks provided by the club.

BayState Marathon

On October 21st hams provided communications support for the BayState Marathon in Lowell Massachusetts. The marathon course is a loop that runs from the Tyngsboro Bridge in Tyngsboro to the Hunts Falls Bridge in Lowell. The course covers approximately one half a marathon which is one of the options runners have. Runners of the full marathon run the course twice. The ham support was organized by Stan KD1LE. Thanks to the following for their help

during this event. Bruce KC1US, Bob W1XP, Lynda N1PBL, Stan KD1LE, Erik KA1RV, Mike WZ0C, Bruce KB1CIC, John KB1HDO



Picture and logo from website baystatemarathon.com

Adopt-A-Highway

We had to postpone the October cleanup one week due to a conflict with the BayState Marathon in Lowell. So it took place October 28th. We had a good turn out for the cleanup and finished up in about 50 minutes. Thanks to the following members for their help Jim AA1PO, Bob W1XP, Ralph KD1SM, Pat N1VAW, Erik W1ZBT, Earl WR1Y, Rod WA1TAC, Stan KD1LE. The next (and last for the year) cleanup will be November 28th.

Honorary Member

For the past few months John Kelly GM3TCW has been visiting the U.S. He has attended our club meetings and has been a regular at the Saturday breakfast 'meetings' at Tiny's. In recognition of Johns participation in our events the Board voted to make John an Honorary Member.



Bob W1XP presented John with an Honorary Membership Certificate at the breakfast 'meeting' October 27th.



Thanks John for your participation in our club activities. John has returned to Scotland and we hope to work him across the pond.

Board of Directors Meeting

The November Board of Directors meeting was held November 8th at the regular location, Eriks QTH. In attendance were Erik KA1RV, Earl WR1Y, Den KD2S, Ian NZ1B, Bob W1XP, and Stan KD1LE.

The Treasurer was not present but submitted his report by email. It is included later in the newsletter in its usual location.

The board discussed future meeting programs. (this is a monthly topic and the board invites your suggestions—ed)

Den had taken on the task of finding a company to make club patches. Quotes were received from two companies and a decision was made to accept one of them. Each member will receive a patch and additional patches can be purchased from the club.

There has been some discussion about running an emergency communications course. The ARRL has created such a course which was only available online at the beginning. The League has also been trying to certify instructors so that the course could be given locally. The board is exploring the possibility of organizing a local session of the class for our members. Our understanding is that the course takes about 20 hours. The feeling is that some certification process would lead to better acceptance by local emergency officials. This could increase the acceptance of ARES/RACES in the area. There would be a cost associated with the course plus the purchase of the text. There is a proposal for the club to partially reimburse members who successfully complete the course. Additional work must be done to find a local instructor certified to teach the course and reserve a suitable location. The board would like feedback from the members on the level of interest in such an activity.

License Renewal Info

Several times recently I have been asked about the process to renew an Amateur Radio License. So I include the following text which was recently received from the ARRL--ed.

The following information was provided by our VEC Manager, Bart Jahnke, W9JJ, to help Clubs gain a better understanding of filing changes online with the FCC. Please share this information with your Club members.

'73
Margie, KB1DCO

Renewing your Amateur Service FCC license, or changing your license address,

call sign or name, or requesting a duplicate license.

Amateurs have several options for renewals or filing changes. They include:

* As a free service to ARRL Members, ARRL Members may complete and sign an NCVEC Form 605 (<http://www.arrl.org/arrlvec/ncvec605-3.pdf>) and return it to

ARRL HQ. ARRL HQ staff will in turn file the application data electronically

with the FCC. The processing time will take only a few days or less once the application reaches ARRL HQ. Send such applications to:

ARRL VEC, 225 Main St, Newington CT 06111 USA.

Non members are welcome to first sign up for membership and then use this service.

For membership info, including an on-line membership application, see <http://www.arrl.org/join.html>. For NCVEC Form 605 see <http://www.arrl.org/fcc/forms.html>. If preferred, non members can mail a check (or the credit card charge info) for the applicable current membership rate for themselves in the same envelope with a completed NCVEC Form 605 and ARRL HQ will immediately process the membership request and shortly thereafter the NCVEC Form 605 FCC license renewal/update request. Vanity requests must still be handled separately by mail or on line directly with the FCC (or via someone serving as a filing agent, such as the W5YI Group).

* All Amateurs can apply by mail with FCC. To place your request by mail obtain an "FCC" Form 605, complete it and then mail it to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325. This is a free FCC service.

FCC Form 605 can be obtained via <http://www.arrl.org/fcc/forms.html> or <ftp://ftp.fcc.gov/pub/Forms/> or via fax to FCC's Fax-On-Demand system at 202-418-0177 (request form number 000605).

* All Amateurs can apply via the internet. The FCC accepts submissions electronically via their Universal Licensing Service (ULS) system. You may file requests via: <http://wireless.fcc.gov/uls/>. To use the on-line ULS system, you must first be sure you are using a web browser which FCC indicates is fully functional for ULS use (FCC indicates that at present only recent versions of Netscape {vers. 4.7x work well} are fully tested and functional); you must then registered in ULS, which involves supplying your Taxpayer ID Number (TIN) which is your Social Security Number to FCC. To do so choose the "REGISTER, TIN/Call Sign" link and then complete your registration infor-

mation (ignore the contact person, and SGIN references). On the next page enter your call sign and lastly print out the final page for your records (that last page shows your TIN/SSN, Licensee ID Number, Password and Personal Identifier for any necessary future reference). Once registered, you must then choose the "FILE, ULS Filing" link to perform your on-line transaction with FCC. During the filing process the FCC system will download to your PC special software to automatically run a JAVA security applet (this will take a few minutes depending on your connection speed) which will update files within Netscape to cause a smoother flow of data between your computer and the FCC ULS server. Any on-line filing technical problems can be directed to FCC Tech Support weekdays at 202-414-1250. If you are unable to complete a successful on-line filing session in ULS, consider mailing a hardcopy "FCC" Form 605 to FCC (or apply through the ARRL per above). Be sure to print a copy of your on-line renewal request for your records.

Processing time can vary depending on the FCC's workload. If you file your request electronically, the FCC may take only a day or two to modify your license or process your request. If you file by mail, the FCC might take a few weeks to process your request. If you have not received your updated or duplicate license within 12 weeks, you may contact the FCC for guidance on how to proceed. The FCC may be reached by telephone 1-888-225-5322 or by fax to 717-338-2696, or by writing to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245.

Be sure to keep a copy of your as filed "FCC" Form 605 request for your records.

FCC Form 605 Step-by-Step Guidance (these are the usual responses to the items requested on FCC Form 605):

Item 1 - Enter the code "HA" if you do not have a Vanity call sign. If you now have a Vanity call (a call sign you obtained in 1996 or after for which you paid a Vanity fee) sign enter "HV".

Item 2 - For Renewals Only enter "RO", for Renewal with Address/Call/Name change enter "RM", for Administrative Updates of Address and/or Name change enter "AU", for Modifications/Changes including a Call Sign Change enter "MD", for Duplicate license requests enter "DU".

Item 3 - N/A

Item 4 - Ignore

Item 5 - Enter your present call sign

Item 6 - Ignore

Item 7 - No
Item 8 - No
Item 9a - Enter your Social Security Number.
Item 9b - Ignore
Item 9c - Enter your CORES FRN number if you have one - else ignore

Item 10 - Enter - I - Individual
Item 11-18 complete as appropriate (ignoring 12 and 13)

Item 19 - Ignore
Items 20-22 are optional
Item 23 - No (we are not exempt, it's just that our fee is presently set to zero)

Item 24 - No (we are not exempt, it's just that our fee is presently set to zero)

Item 25 Print your name Ignore title
Item 26 - sign your name
Item 27 - enter the date

=====
Unless you are applying with this application to receive a Vanity call sign, ignore Schedule D
=====

If completing Schedule D:
Item 1 - No
Item 2 - Check the application category
Item 3 - If you checked category E or F in Item 2, enter from one up to 25 choices in your order of preference in this section.

Note: Vanity requests take 18 days from the date FCC receives the application.

Don't forget to include the appropriate Vanity fee and FCC Form 159 when filing a request for a Vanity call sign. For more Vanity information see <http://www.arrl.org/arrlvec/vanity.html>

Margie Bourgoin, KB1DCO
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Public Service

Listing public events at which Amateur Radio communications is providing a public service and for which additional volunteers from the Amateur Community are needed and welcome. Please contact the

person listed to identify how you may serve and what equipment you may need to bring.

Every event listed is looking for volunteers
Date Location Event Contact Tel/Email

This list is published periodically as demand warrants by Stan KD1LE and Ralph KD1SM. Our usual distribution is via packet to NEBBS, via Internet mail to the arrl-nediv-list and ema-arrl distribution lists, and on the World Wide Web (see URL below). If other mailing list owners wish us to distribute via their lists we will be happy to oblige. Permission is herewith granted to republish this list in its entirety provided credit is given to the authors and the URL below is included. Send comments, corrections, and updates to:

(via packet) KD1SM@K1UGM.#EMA.MA.USA,
(via Internet) KD1SM@ARRL.NET.

We make an attempt to confirm entries with the coordinator unless the information is from another published source. We very much appreciate the assistance we have been receiving from our 'scouts'; everyone is welcome to send us postings.

The most recent copy of this list is maintained as <http://purl.org/hamradio/publicservice/nediv>.

From The ARRL Letter

SHARING SPECTRUM WITH OTHER SERVICES A HAM RADIO REALITY

Amateur Radio operators can get mighty territorial when they perceive that some other radio service is intruding upon "their" turf. What many hams often don't understand, however, is that Amateur Radio is a secondary service in the US on several popular bands or sub-bands. As such, it's subject to interference from primary radio service occupants and, by law, must avoid interfering with them. And, of course, ham bands are not all the same everywhere in the world.

Hams share most of their spectrum--especially the UHF and microwave allocations--with other users, typically the US Government and Fixed and Mobile services. The popular 70-cm band, 420-450 MHz, is a good case in point, says ARRL Field and Regulatory Correspondent Brennan Price, N4QX.

"Amateur use of the 70-cm band is secondary to government radiolocation services in the US, so hams must tolerate interference from the primary service

service and may not QRM it," Price explained. No operation in the 420-430 MHz band is permitted in some parts of the US (in the vicinity of the Great Lakes), while 50-W output power limits apply to operations centered near certain US military installations.

Price notes, however, that military use of the band is not confined to these areas, and the band is utilized aboard aircraft. "We occasionally receive inquiries from amateurs who complain of 70-cm disruptions when military planes fly overhead," said Price, who also serves as the ARRL Monitoring System coordinator. "We have every reason to believe that the current spate of widely heard disruptions is due to high-altitude airborne operations by the band's legal, primary occupant--the US Government." The 420-430 MHz segment is allocated on a primary basis worldwide to the Fixed and Mobile (except Aeronautical Mobile) services.

Two meters--144 to 148 MHz--is an exclusive allocation in ITU Region 2, which includes North and South America. US hams who have taken along an H-T while vacationing in Europe or elsewhere in Region 1, however, know that the 2-meter band in that part of the world is 144-146 MHz. In Region 3, hams have exclusive access to 144-146 MHz and share 146-148 MHz on a co-primary basis with Fixed and Mobile Service stations.

Six meters--50 to 54 MHz--is an exclusive ham allocation in Regions 2 and 3, but the band is allocated exclusively for broadcasting in Region 1--although certain countries do allow limited 6-meter operation.

The sharing news is much better on the higher HF bands. The 20, 17, 15, 12 and 10-meter bands are allocated to the Amateur Service on an exclusive basis worldwide--with a few minor exceptions for the high end of 20. On other HF bands, some sharing occurs.

On 30 meters--10.1 to 10.15 MHz--hams are secondary to non-US Fixed Service stations throughout. Amateurs must avoid harmful interference to these stations.

The 40-meter band is currently the focus of an effort supported by the International Amateur Radio Union and ARRL to obtain a 300-kHz worldwide exclusive allocation. Most of the world does not have access to the 300 kHz-wide swath from 7.0 to 7.3 MHz that US hams enjoy. In the rest of the world, the upper two-thirds of 40 is dominated by broadcasters. This issue is on the agenda for the 2003 World Radiocommunication Conference

<<http://www.arrl.org/announce/regulatory/WRC-03/>>. One suggested remedy would shift the allocation downward to create a 300-kHz worldwide band at 6.9 to 7.2 MHz.

The 80/75-meter band--3.5 to 4.0 MHz--is exclusive to the Amateur Service in the US. Elsewhere in Region 2 hams have exclusive status from 3.500 to 3.750 MHz and share the rest of the band with foreign Fixed and Mobile services on a co-primary basis. Amateurs in Regions 1 and 3 share parts of the band with Fixed and Mobile. There is no amateur operation allowed above 3.8 MHz in Region 1, which includes Europe.

The 1.8 to 1.9 MHz segment of 160 meters is exclusive to US amateurs. Hams in the US are secondary on 1.9 to 2.0 MHz to the primary Radiolocation Service (government and non-government).

A table of US Amateur Radio allocations is available on the ARRL Web site <<http://www.arrl.org/FandES/field/regulations/USbands.pdf>>. The "Considerate Operator's Frequency Guide" details band plans for Amateur Radio <<http://www.arrl.org/FandES/field/regulations/conop.html>>.

TEXAS ELEMENTARY SCHOOLERS ENJOY ARISS ADVENTURE

Fifteen youngsters in grades three, four and five used ham radio to interview International Space Station Expedition 3 Crew Commander Frank Culbertson, KD5OPQ, from the McWhirter Elementary School in Webster, Texas--not far from Johnson Space Center. The Amateur Radio on the International Space Station, or ARISS, contact October 23 was handled via a teleconferencing linkup with ZS6BTD in South Africa.

Operating as NA1SS, Culbertson recognized some of the youngsters and asked them to convey his regards to their families. The contact occurred shortly after the Soyuz "taxi" crew had arrived at the ISS, bringing aboard three additional crew members.

In answering the dozen or so questions posed, Culbertson pointed out that the ISS includes protection to break up small meteors. The ISS can be maneuvered from the ground to avoid large objects spotted in advance by radar, he explained.

To a question about how his two dogs would fare aboard the ISS, Culbertson replied that he thought dogs would have a difficult time in space because they don't have hands to hold onto the handrails. "They'd have a hard time staying in one place and

would probably get disoriented and would probably try to run in the middle of the module," he said. "So I don't think they would enjoy it very much unless they had some way of staying on the floor, like a lot of Velcro on their feet."

Another student asked about the September 11 attacks. Culbertson said he and his two Russian crewmates were able to see the result of the attacks from the ISS and were very troubled. "It seems strange to me that people would want to attack our country when we do so much good for the rest of the world," he said, "and we're trying to do good things with other countries up here and I hope that sets a good example for the future."

"I think all the kids had a great time. This was a great learning experience for each of us," said McWhirter Elementary Principal Cindy Stamps. Gene Chapline, K5YFL, was the ARISS mentor for the contact.

On Tuesday, October 30, Kolling Elementary in Schererville, Indiana, had a successful ARISS contact with Culbertson, operating NA1SS on the ISS. The control op was John Gianotti, W9WY. Seventeen students had their questions answered.

More information on the ARISS program is available on the ARISS Web site, <<http://ariss.gsfc.nasa.gov>>.

GEORGIA TO HOST 2002 USA ARDF/RADIO-ORIENTEERING CHAMPIONSHIPS

ARRL Amateur Radio Direction Finding (ARDF) Coordinator Joe Moell, K0OV, has announced that the Georgia Orienteering Club will host the second USA ARDF/Radio-Orienteering Championships. The event will take place April 19-21, 2002, at F. D. Roosevelt State Park near Pine Mountain.

The USA ARDF/Radio-Orienteering Championships are open to all, from beginners to experts from the US and elsewhere, and no Amateur Radio license is needed to compete. The 2002 competition will feature 2-meter and 80-meter ARDF events. Participants will compete in age/gender categories with awards given for first, second and third-place finishes in each. Awards will be presented in two divisions, Overall and USA-Only.

Details, including rules and registration forms, are on the Georgia Orienteering Web site, <<http://www.mindspring.com/~sam.smith/gaoc>>. Click on the "Radio-O Champs" link (under Special Events). The GAOC site includes information on lodging options.

The next ARDF World Championships in fall 2002 will be held in Slovakia, and positions on Team USA for that event will be determined by individual performances at Pine Mountain and at the USA Championships in Albuquerque that were held this past August (see "The 2001 USA ARDF Championships are a Winner!" <<http://www.arrl.org/news/features/2001/08/24/1/?>>>).

For additional information on Amateur Radio direction finding, visit Joe Moell's Homing In Web site, <<http://www.homingin.com/>>.--Joe Moell, K0OV

HAM-SAILOR SETS SAIL FOR HOME

Ham radio's senior sailor David Clark, KB6TAM, set sail this week from Trinidad to complete the final leg of the adventure of his lifetime. Clark, who is 77, is attempting to become the oldest person to sail solo around the globe. He plans to arrive back in Ft Lauderdale, Florida, on December 7. Clark has been using Amateur Radio aboard his vessel to keep in touch with his family and friends.

His immediate goal is St Croix in the US Virgin Islands, said his wife, Lynda, but if the weather cooperates and everything goes well he may proceed directly to Great Inagua in the Bahamas. "This is technically the completion of the goal, since his outgoing and incoming paths will cross again—where he checked out and will check in again," Lynda Clark said. "However, we will feel he has finished the goal when he reaches Ft Lauderdale where we all said good-bye to him two years ago."

Accompanied by his dog, Mickey, Clark departed South Florida in December 1999 in the 44-foot steel-hulled sloop, the Mollie Milar--named for his mother. Mickey was lost and Clark himself nearly died after the vessel sank last February off the coast of South Africa. Not one to give up that easily, Clark was able to purchase another sailboat--a smaller one that he named Mickey--and resumed his quest in April. He's been sitting out the Atlantic hurricane season in Trinidad, where he arrived in July.

Clark was expected to be checking in on the 20-meter Seafarer's Net on 14.313 MHz. The final leg from Trinidad to Fort Lauderdale is approximately 1500 miles.

For more information on Clark's journey, visit these Web sites <<http://www.dclark.com>> and <<http://www.captainclark.com>>.

HAMS UNDERTAKE A RANDOM ACT OF KINDNESS IN FLORIDA

It had very little if anything to do with ham radio Saturday, September 21, when the Dade County Amateur Radio Public Service Corps organized a group of active hams in Southern Florida to spruce up the Flight 592 Memorial. Many of the hams involved had helped provide communication in the aftermath of the 1996 ValuJet crash in the Everglades.

The amateur volunteers put in some 40 work hours pulling weeds and grubbing out their roots, killing ant colonies, applying herbicides, cutting grass, sweeping, refilling missing sand, re-leveling brick walkways and piling up the debris--mostly natural overgrowth. About a dozen hams participated in the effort.

"These folks do this kind of thing without request, but because there is a need to care," said ARRL Southeastern Division Vice Director Evelyn Gauzens, W4WYR. "This group of amateurs are very special people with hearts as big as the whole world."

Family members of Flight 592 victims also expressed their appreciation for the effort. This comment was typical of several posted on the Flight 592 Memorial Web site <<http://www.flight592.com/>>: "I want to thank you from the bottom of my heart for what you did. It was a wonderfully selfless act and greatly appreciated. Those of us who live too far away and are unable to see to the care of the memorial are greatly touched by the generosity of strangers. Thank you again and God bless you."

Additional information and photographs are available on the South Florida FM Association Web Page <<http://sffma.net/cleanup.htm>>. Said Ray Vaughan, KD4BBM "To everyone who helped, we did make a difference. Let's do it again."

TEXAS HAMS ASSIST FLAG RUN

Members of the Irving (Texas) Amateur Radio Club supported the Americans United Flag Across America event October 27-28, as the US flag passed through their community on its way to the West Coast. The grass roots effort, sponsored by American Airlines and United Air Lines employees, is seeking help from the Amateur Radio community to provide short-range communications as the run progresses across the US along a southerly route. "The event is to honor the crew and passengers who died September 11, to show the American Spirit and to raise money for established relief funds, said American Airlines Captain Bill Lokes. Runners started in Boston on October 11 and are scheduled to arrive in Los Angeles November 11. IARC helped with communication and transportation during the Irving seg-

ment of the run. "Our help was really needed and was greatly appreciated by the local run organizers and participants," said IARC Secretary Bill Byrom, N5BB. Dave Finley, N1IRZ, reports that the National Radio Astronomy Observatory (NRAO) in Socorro, New Mexico, will host the runners and support personnel of the Americans United Flag Across America when it reaches New Mexico November 4. More information is available on the Americans United Run Across America Web site. Amateur Radio clubs or groups interested in assisting are invited to contact Bill Lokes, 610-767-9246; blokes@fast.net, or Gene Atwell at 215-348-1594; atwell@mindspring.com.

FCC CLARIFIES DETAILS OF CORES AMATEUR IMPLEMENTATION

The FCC's Wireless Telecommunications Bureau has clarified several issues regarding Amateur Service implementation of the Commission Registration System--or CORES. Starting December 3, everyone doing business with the FCC--including amateur licensees--must obtain and use a 10-digit FCC Registration Number (FRN) when filing. Many amateurs will not need to take any action to comply with the new requirement, which further expands the number of FCC abbreviations, numbers and systems hams need to be aware of.

Amateur licensees now registered in the Universal Licensing System (ULS) already have been cross-registered in CORES and issued an FRN by mail. The FCC said it planned another cross-registration by November 28. Amateurs can check to see if they have an FRN via a ULS license search. Many Internet call sign servers, including ARRL's, also provide this information.

Once CORES becomes mandatory, the FCC will "auto-register" all amateurs who seek to register in ULS and will issue them an FRN. Amateurs then should use the FRN in place of a Taxpayer Identification Number (TIN--typically an individual's Social Security Number) when filing applications with the FCC.

New or upgrade license applicants not previously registered in ULS will be registered automatically in both CORES and ULS when they provide a TIN on a license application filed through a Volunteer Examiner Coordinator.

Both ULS and CORES will contain a licensee's FRN, but updating information in one system will not update the other. For amateurs, CORES registration will replace ULS "TIN/Call Sign" registration. Once CORES becomes mandatory, those registering in ULS will be redirected to CORES registration. The

ULS will remain the Amateur Service licensing database within WTB, however, and only ULS will associate an individual with a particular call sign and FRN.

Going away December 3 will be the so-called Assigned Taxpayer Identification Number, or ATIN, which the FCC has been issuing to applicants ineligible to obtain a Social Security Number, such as foreign applicants and club station licensees. CORES will offer exemptions to amateur clubs and to foreign entities not holding a TIN/SSN. The FCC is encouraging club station applicants to first register in CORES and then use their FRN when filing via a Club Station Call Sign Administrator. Club station applicants also may use a trustee's TIN/SSN or a tax-exempt club's IRS-assigned EIN.

The WTB says that starting December 3, "all passwords will be maintained in the CORES database." Amateurs using paper FCC Form 160 to register in CORES will be mailed a CORES password for on-line access.

The FCC continues to work out the details of how amateurs, CORES and ULS will coexist. Amateur Service testing with CORES is planned for November.

For more information about CORES, visit the FCC Web site <<http://www.fcc.gov/>> and click on the "Commission Registration System" link.

ISS CREW CHIEF ADDS SOME SPICE TO JOTA

Although he's been licensed a relatively short time, International Space Station crew commander Frank Culbertson, KD5OPQ, sounded like a contesting pro last weekend during Scouting's Jamboree On The Air. A former Boy Scout himself, Culbertson--operating NA1SS--worked a string of JOTA participants in the US and abroad October 20-21. Culbertson even brought along his Scout T-shirt.

Among the happy customers was Al Lark, KD4SFF ("Scouting for Fun"), who reports that at least three Scouts spoke with NA1SS over the weekend from Lark's N4ISS backyard JOTA setup in Greenville, South Carolina. "Frank was also excited to speak to a Scout from his home state of South Carolina." Lark said the Scouts now are very interested in obtaining their ham tickets.

On a Sunday pass over the US, Culbertson also logged contacts with K2BSA--the official Boy Scouts of America station near Dallas, as well as with other stations in the Southwest, Midwest and Northeast.

In Louisiana, Cedric Walker, K5CFW, said he had 16 boys from Troop 48 in New Orleans on hand to participate in JOTA. Walker said the QSO with Culbertson was crystal clear and was "an unforgettable thrill for every one of them."

In Oklahoma, Boy Scouts from Troop 850 in Guthrie and Troop 116 in Oklahoma City managed a quick contact with Culbertson on a Saturday pass. "At 17,000 miles per hour, he didn't have much time to chat," explained Assistant Scoutmaster John Dronberger, N5YZA.

From Australia, Tony Hutchison, VK5ZAI, in Parin-gasaid a young woman in his Scouting group of about 60 also snagged a contact with Culbertson. "Frank did a fine job over Australia on the scheduled pass," Hutchison said.

While over Europe, Culbertson whipped through a series of contacts--some with JOTA operations and others with non-participating stations. Recently, Culbertson has been more active in making casual FM voice contacts, and he's also been averaging two ARISS school contacts a week.

SATERN ENDS WORLD TRADE CENTER SUPPORT OPERATION

The Salvation Army Team Emergency Response Network (SATERN) Amateur Radio volunteer support effort in the wake of the World Trade Center attack in New York City has ended. SATERN Amateur Radio Liaison Officer Jeff Schneller, N2HPO, says the operation wrapped up October 18. The Salvation Army now is relying on Nextel and cellular telephone service.

During its five weeks of service, several dozen Amateur Radio operators from all over the US assisted the Salvation Army's relief efforts. REACT International provided volunteers in the early weeks of the activation. Ham radio primarily was used to provide logistical support for the organization's canteens and feeding centers.

Among the more recent volunteers were Steve and Kim Merrill, KB1DIG and KB1GTR, from New Hampshire. They did a tour of duty October 7-18. Working anywhere from 10 to 14 hours a day, the couple called their time in New York City "a very humbling experience."

"There was so much devastation," the Merrills recounted. "Nothing read in the newspapers or seen on

TV could have prepared us for the actual sight of all of this."

The Merrills said they came away from their SATERN volunteer experience feeling as though they had "lived a lifetime in a few short days," but with "friendships that will last a lifetime" and "stories that have no end."

"Salvation Army SATERN is to be commended," they said. "They were more than nice to us. We felt like a part of a family!"

Schneller has urged all Amateur Radio operators to prepare for the future by first getting acquainted with and joining their local ARES or SATERN teams, then by taking the ARRL Amateur Radio Emergency Communications Course <<http://www.arrl.org/cce>>.

DAYTON HAMVENTION PICKS EMERGENCY COMMUNICATIONS THEME

The theme of the 2002 Dayton Hamvention will be emergency communications and preparedness, the Hamvention Committee announced this week in a letter to vendors and exhibitors. Hamvention said it's expecting "record attendance for 2002" at its 51st show, May 17-19, 2002. The annual event draws upwards of 30,000. "Hamvention expresses deep concern for the tragic events that occurred September 11, 2001, and the world events since," the letter said. "In order to show our support for Amateur Radio, we are going to emphasize emergency communications and preparedness as our theme for Hamvention 2002." The committee said it anticipates new Amateur Radio-related exhibitors as a result and would "limit the number of computer exhibitors at the show to only those who are related to Amateur Radio."

October Treasurer Report\$

Income for October was \$20 from membership renewals, \$65.38 net from FoxFinder kit sales, and \$61.71 in bank interest (several months reported).

Expenses were \$13.60 for newsletter postage and \$42.25 for refreshments for the October meeting, leaving a net income of \$91.24.

Fund balances as of November 8 are:

General Fund:	\$5315.20
Community Fund:	\$1517.55

If you are thinking of joining the ARRL, or we can

convince you to join the ARRL, the Club receives a commission for sending in your application.

73,
-Ralph KD1SM



Nashoba Valley Amateur Radio Club

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mailto:nvarc_n1nc@arrl.net
<http://purl.org/hamradio/club/nvarc/>

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Secretary: Ian Norrish NZ1B
Treasurer: Ralph Swick KD1SM
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Photographer Ralph Swick KD1SM
PIO: open

Board Members

Bob Reif 1999-2002
Den Connors 2000-2003
Craig Kalley 2001-2004

Meetings are held on the 3rd Thursday of the month -
7:30 p.m. - Pepperell Community Ctr. Talk-in 146.490
simplex

442.90 + 100Hz Repeater
53.890 - 100Hz Repeater

This newsletter is published monthly. Submissions, corrections and inquiries should be directed to the newsletter editor. Articles and graphics in most IBM-PC formats are OK. You can send items to

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